



ETC NOTES
December 15, 2011

I. WELCOME and INTRODUCTIONS

The December 15, 2011, meeting of the Education Telecommunications Council was held at Iowa Public Television and various ICN sites. The following members were present at the meeting: **Kenneth Colwell**, IAICU; **Kent Johnson**, Regents; **Ellen Kabat-Lensch**, IACCT; **Tom Kruse**, IAICU; Cathy Humble for **Sally Lindgren**, AEA Boards; MJ Dolan for **Jan Lund** (IACCT); **Lane Plugge**, (AEA Boards); **Terry Rinehart**, IPTV; **Kay Runge**, DE/Libraries, **Gail Sullivan** (DE), and **Mary Wieser**, DE/CIANS.

Mary Gannon (IASB), **Michael Healy**, SAI; **Carol Montz**, SAI; and **Chet Rzonca** (Regents) were absent.

The following guests were also present at the meeting: **Joseph Cassis**, and **Tami Fujinaka**, ICN; **Bruce McKee**, RTC 2 Coordinator; **Theresa Ziegler**, RTC 3 Coordinator and **Nicole Rosford**, Region 3 Scheduler; **Kathy Goebel**, Region 5 ICN Scheduler and **Kathy Nash**, RTC 5 exofficio; **Julie Thomas**, RTC 6 Coordinator; **Dawn Fratzke**, RTC 7 Coordinator/Scheduler; **Dick Stuffbeem**, Region 11 ICN Tech, DMAACC; **Doug Greene**, Region 14 Scheduler and **Kim Antisdel**, RTC 14; **Darlas Shockley**, RTC 15 Coordinator and **Linda Abel**, RTC 15 Chair; **Larry Chaplin** for Region 16; **John Parker**, Legislative Services Agency; and **Toni Blair**, State Library.

There are three vacancies on the ETC at this time. ISEA has been notified about the vacancies left by the resignations of Al Bode in June 2009 and Kathryn O'Shaughnessy in August 2011. IASB has been notified of the vacancy left by the resignation of Greg Davis in August 2010.

II. ISSUES and UPDATES

A1. IP Video Service

Joe Cassis provided a report on the IP Video Service project. Installation of Polycom core equipment was completed on December 13, 2011, which means that we can begin customizing it on each of the platforms that are out there. This will also include the alarming capabilities that many times are essential because of the uniquenesses that are occurring over the Internet and not just our network, but also other networks outside of our particular closed network. This is also including private and public IP addresses which are essential through this process. The tech staff completed their training in October and November. We purchased on-site Polycom branded equipment installation, solutions planning, design, staff training, and maintenance for that particular core of the network. The major milestone that is approaching is next week's ITTC meeting where the IP video rates will be proposed and hopefully be approved so that we can start the rollout to those that were not in our early adopting phase. Those early adopters included Belle Plaine, AEA 11, Atlantic HS, Iowa Central CC, Voc Rehab, Mercy Medical Group, and SSA. We took a sampling from each type of agency or institution entity because they all have unique situations and we 'test-drove' those technologies through that system.

The second phase is a limited marketing opportunity. If the proposed IP video rates are approved, the VSP team will begin accepting those that are willing to sign up for this new technology and to ensure that all resources are available through this next phase.

The third phase will go into general availability and we hope that will be before the end of fiscal year.

A2. ICN Sale/Lease RIT

The ICN Sale and Lease project was initiated last session by the HF 45 bill. This has been somewhat controversial and the language does not mean the ICN will not be sold or even leased. What it means is that an RFP will be created by June 30, 2013, highlighting what parts of the network can be sold or leased. Most likely, the actual approval of whatever the recommendations are will take place in that following legislative session, or around January 2014.

A FAQ was sent to ETC members prior to the meeting concerning the RIT team—the acronym for the “Request for Proposal Implementation Team.” The team met 5 times over the past couple of months and concluded their last meeting on 12/12/11. They identified about 40 assumptions that should be considered when developing the RFP. More information and minutes of those meetings can be found on the ICN web site. The ICN, through a bidding process, hired Fiberutilities Group out of Cedar Rapids to assist in the RFP development as well as the project management because of the complexity of the project. There are significant security issues related to JFHQ headquarters which may require the ICN hub to be moved. The RFP project is expected to take nearly two years at a cost of nearly one million dollars. The ICN will have at least four people focused on the RFP project, 2 of them full time, and this of course, has to be absorbed by the ICN. There was no money allocated by the Legislators for this project. A lengthy discussion followed.

A3. BTOP Grant

The Broadband Technologies Opportunity Program was initiated almost two years ago with the ARRA act (American Recovery and Reinvestment Act) and was originally set up to expand Broadband at \$7.2 billion dollars...we were able to receive \$16.2 million in a federal grant with a matching of 30%. We are deploying state of the art equipment called DWDMs (Dense Wave Divisional Multiplexers). What that really represents is the ability to take a wave-length and break it up even further in the capacity so that you have the same fiber, about the thickness of a strand of your hair, shooting a light beam through it, refracting it off the sides of the inside walls of that glass fiber and then be able to do that many times over so we don't have to add another layer of fiber or any of that type of complexity. It carries different wavelength frequencies that will enable the core (the backbone of the ICN) to have up to 10 gig and the endpoints—at a library, a school or any National Guard base—to have the capacity of up to 1 gig. All of the DWDMs have been installed at the core level. The transition of our customers to this new platform is now underway, which must be completed by June 30, 2013.

A4. Legislative Update

Tami Fujinaka stated that this report would be short because the ICN does not have any bills out there. There is only one appropriation request that comes from the State's Technology Fund and it is a continual request for \$2.2 million dollars. The main purpose is to help replace equipment that has reached its end of life, and most of that equipment is on the Capitol Complex because we provide phone services on the Capitol Complex. The other part is to provide equipment on the network for Ethernet, which is different equipment than what the BTOP project is providing. The remaining portion of this appropriation that is important to remember is it allows schools and

libraries to get a discounted price for their video and other services. We believe that the rest of our time will be spent on the RTC issue or the new RTC Video Business Support Model proposal.

A5. Video Business Support Model (VBSM)

Several months ago, IPTV suggested that the management of the RTC fund be moved to the ICN. This aligns with the migration that the ICN has currently been doing with IPTV—taking the technicians under the umbrella of the ICN as well as the workorder software system that was migrated from IPTV to ICN. The migration of this RTC fund brought about the Video Business Support Model, otherwise known as the RTC Assessment. A copy of the VBSM was sent to members prior to the meeting. A lengthy discussion followed. The implementation of this new model, which was approved by the ITTC and later, recommended by the ETC members to be initiated as described, knowing it will 'parallel' the current process for the upcoming year. This is to confirm the process is equitable and the potential allocation based on the new model is accurate. Contact Joseph Cassis or Tami Fujinaka for more information about the Video Business Support Model.

B. 2012 Legislative Session

There was no group discussion concerning the 2012 legislative session.

C. ETC/RTC Membership

Terry Rinehart reminded members that it is very important to the revitalization of the RTCs that several RTC representative positions are vacant and that appointing agencies work diligently towards filling those. He encourages all of you to work with the RTC coordinators in that regional area if you are having trouble finding people.

D. RTC Funding Reports

Terry Rinehart informed members that kudos go to all of the RTCs for submitting their FY12 RTC Educational Support Services funding plans in a timely manner. He also wanted to thank them for the good job on all of the paperwork involved.

NOTE: There was some concern about the proposed IP video rates that were to be on the agenda for the upcoming ITTC meeting. It was mentioned that the revised rate structure had not been vetted by interested parties and suggested that input be gathered on the revised rate structure before a final vote is taken. Ken Colwell, ETC chair, will be in communication with Betsy Brandsgard, ITTC Chair, concerning the IP video rates.

E. Adjournment

The December 15, 2011, meeting of the Education Telecommunication Council adjourned at 10:40 a.m. The next meeting of the ETC is June 7, 2012, at Iowa Public Television.